

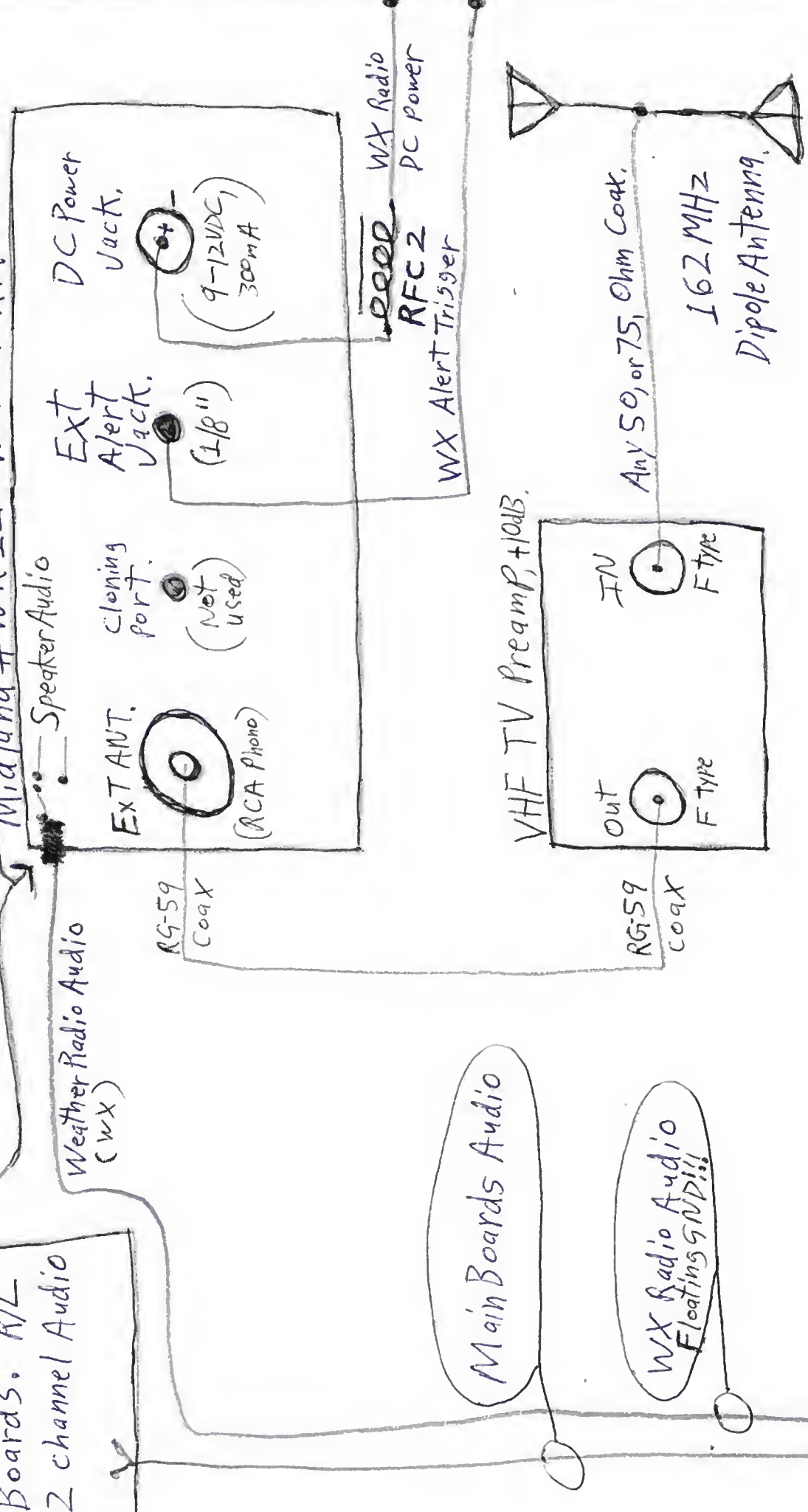
Ye Poor Man's Emergency Alert System, 2/26/2020

Revised: 2.1

Added 1/8" (3.5mm), mono N.C.
Audio Jack that is N.O. when 1/8" plug
is inserted.
All Electronics # MMJ-S

Main Studio
Audio from
Boards. R/L
2 channel Audio

Midland # WR-120 Weather Radio.

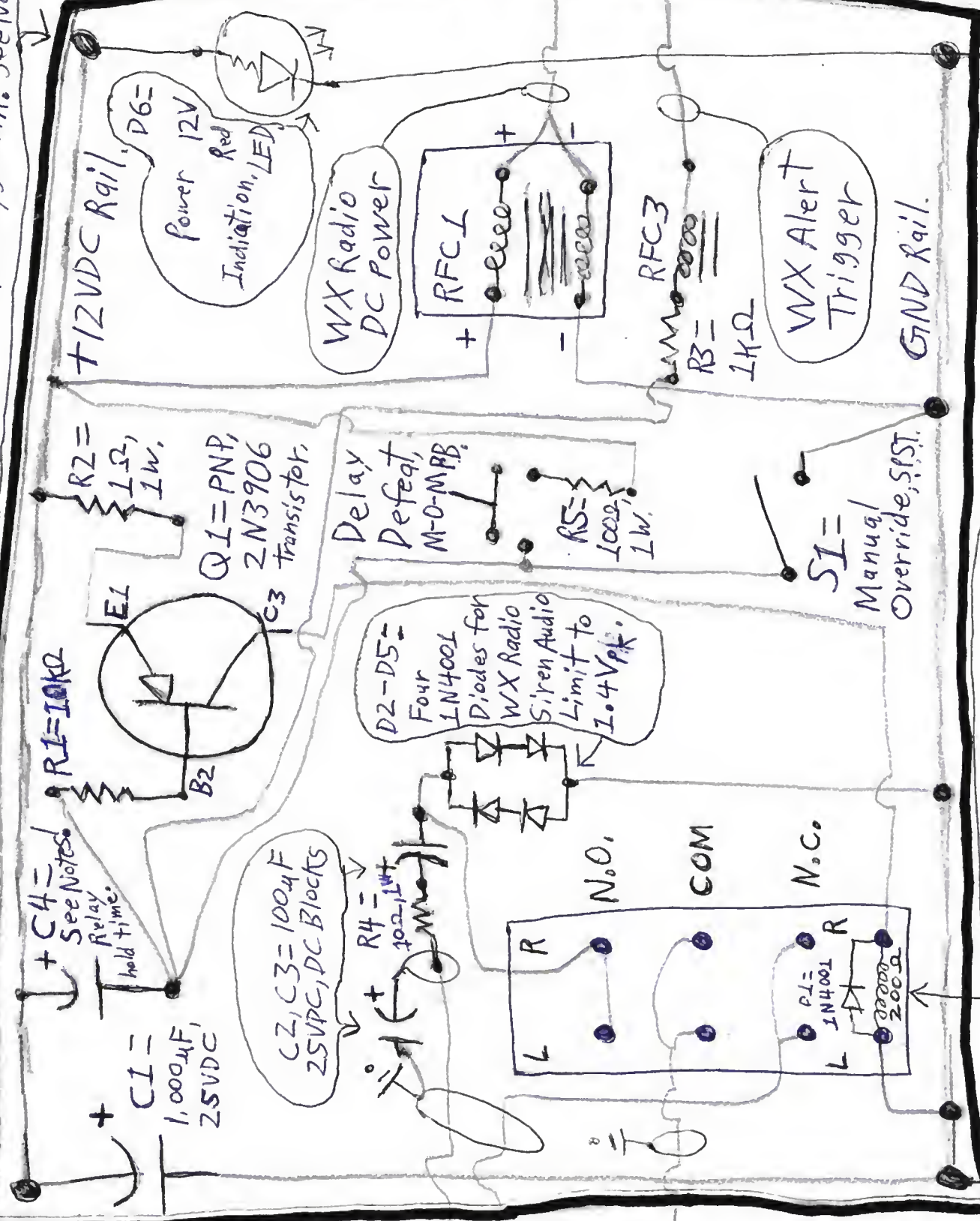


Main Boards Audio

WX Radio Audio
Floating GND!!!

AC/DC power from transformed Wallwart 9VDC, 300mA. See Notes.

perf Board



+12VDC Rail, D6=

Power 12V
Red
Indication, LED

WX Radio
DC Power

RFC1

RFC3

R3= 1KΩ

WX Alert
Trigger

GND Rail.

R2= 1Ω, 1W.

Q1=PNP,
2N3906
transistor,

Delay
Defeat,
M-O-MRB.

R5= 100Ω, 1W.

S1= Manual
Override, SPST.

R1=10KΩ

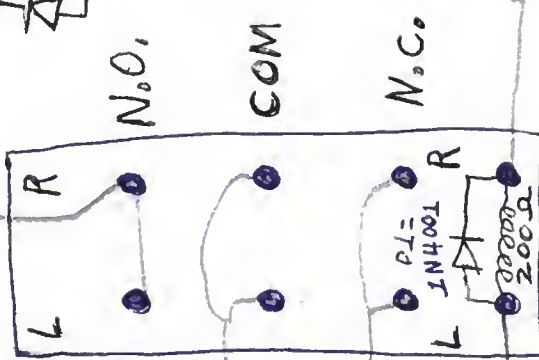
+C4= See Notes.
Relay
hold time.

+C1= 1,000μF,
25VDC

C2, C3= 100μF
25VDC, DC Blocks

R4= 10Ω, 1W

D2-D5= Four
1N4001
Diodes for
WX Radio
Siren Audio
Limit to
1.4Vpk.



From,
WX
Radio
Audio,

From, Main
Board Audio

To: Audio
Limiter

TX.

K1= Radio Shack Cat#
257-0249, 12VDC coil
DPDT, relay, or equivalent.